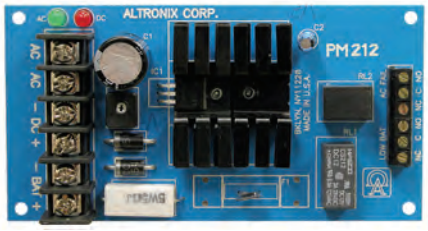
PM212 Supervised Linear Power Supply

Rev. PM212 - J05I



Overview

• This units is a supervised linear power supply/charger that converts a low voltage “AC” input to a filtered and regulated continuous power limited output.

Specifications

- 12VDC outputs.
- 1 amp supply current.
- Transformer requirements:
  - 16VAC/20VA for 12VDC output (Altronix Model # TP1620).
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel type batteries.
- Maximum charge current .2 amp.
- Automatic switchover to stand-by battery when AC Fails (zero voltage drop).
- PTC battery protection.
- AC fail supervision (form “C” contacts).
- Low battery supervision (form “C” contacts).
- AC input and DC output LED indicators.
- Includes battery leads.

Board Dimensions (approximate)

5.25"L x 2.75"W x 1.5"H